

TRAWDEN

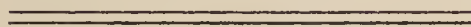
Urban District Council.



ANNUAL REPORT

OF

**Medical Officer of Health.**



**1903.**



COLNE :

B. INGHAM, 5, CHURCH STREET.



# Trawden Urban Sanitary District.

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GENTLEMEN,

I have the pleasure to submit my First Annual Report for the year 1903, which compares favourably with previous years.

The Small-pox epidemic which visited the district in the last few weeks of 1902 was checked at its start by prompt and efficient measures of disinfection, isolation, and the re-vaccination of contacts with patients. I am glad to say that there were no cases in 1903.

The estimated population for 1903 is 2750. There were 694 inhabited houses, an increase of 74 since 1901, there were 66 uninhabited houses; total, 760. The average number of residents to each house was slightly under four.

The physical features of Trawden help to render the district a healthy one. The acreage is 6815, which gives more than two acres per inhabitant. The bulk of the district is composed of moorland, pasture and meadow land. In the manufacturing portions of the district there is no over-crowding of buildings, except in some old property. The houses are built along the main street, or in well separated rows, or in scattered cottages and farms. There are few back to back rows of houses, except in the old property already alluded to.

I am aware of only two families whose houses are insufficiently large for proper accommodation.

Thirty-four deaths were registered, 12 males and 22 females, which on a population of 2750 make a death-rate of 12·8 per 1000 of the population, an increase on 1902, but a decrease on the average of the past ten years.

Seventy-five births were registered, 44 males and 31 females, which gives a birth-rate of 27·3 per 1000 of the population, an increase on 1902. One illegitimate birth was registered.

I am glad to be able to report the low rate of infant mortality. Four deaths occurred in infants under one year, giving an average of 53·3 deaths per 1000 births registered, a decrease on last year, and a large decrease on the average of the past ten years. Two of the deaths occurred in infants who barely survived their birth; one dying within an hour and another in two days. The other two deaths were caused by *Tabes Mesenterica* in the one case and *Pneumonia* in the other. There were no infant deaths through *Diarrhœa* caused by improper feeding—the most fertile cause of infant mortality.

The death-rate from Respiratory diseases per 1,000 of the population was 4·36, a large increase on last year, caused no doubt by the prevailing cold and wet.

Two deaths were caused by Zymotic diseases, Scarlet Fever one, and Enteric Fever one, giving a Zymotic death-rate of ·72 per 1,000.

The death-rate from Phthisis was ·72.

The death-rate from all Tubercular diseases was 1·44.

The deaths in the first year were four.

There were no deaths between one year and under five years.

The deaths from five and under fifteen years were two.

There was one death between fifteen and under twenty-five years.

The deaths from twenty-five and under sixty-five years were seventeen.

The deaths from sixty-five years and upwards were two.

The average age at death was 44·7 years.

Twenty-one cases of Zymotic disease were notified.

In the early part of the year—notably in January, February, and March—Scarlet Fever was prevalent, fifteen cases being reported. Ten houses were affected: Two houses contained each three cases, one house had two cases, the seven others had a case in each house.

There were three cases of *Erysipelas* notified.

Three cases of Enteric Fever were notified in April and May, all in the same house.

The last case of infectious disease was notified in June.

In every case prompt measures were taken to prevent a spread of disease. Disinfectants were supplied and isolation was as far as possible enforced.

There were no cases of Measles in the district.

The causes of death were as follows :—

Scarlet Fever	...	...	1	Bronchitis	...	...	...	4
Enteric Fever	...	...	1	Pneumonia	...	...	...	8
Phthisis	...	...	2	Heart Disease	...	...	...	5
Other Tubercular Diseases			2	All other Causes	...	...	...	11

the greatest mortality was in the months of May and December.

I visit the district daily, and thus have every opportunity of investigating the source of any infectious disease, and am kept in touch with all the conditions which tend to influence the health of the inhabitants.

**House Refuse.**—This is performed satisfactorily by contract, and deposited in disused quarries.

**Water Supply.**—The quality is good, but apt to become inadequate in dry weather. No inconvenience was, however, experienced last summer. Boring operations have been carried out on Boulsworth Hill, and a supply of excellent water has been found, which is at present giving 65 gallons per day per inhabitant. It is hoped that even in the dry weather the supply will be double the required amount. When this water is conveyed in pipes, the district will have an ample supply of excellent water.

**Slaughter Houses.**—Three. All in good condition. No unsound meat.

**Bakehouses.**—All in good Sanitary Condition.

**Dairies.**—None.

**Cowsheds and Milk-Shops.**—Not so good as they should be: Regulations have not been adopted.

**Lodging Houses.**—None.



**Factories and Workshop.**—The condition of two of the Factories is good, the others show room for improvement. The Sanitary arrangements are deficient, and are lacking in cleanliness.

All the Factories are well ventilated and kept in a clean condition.

**Methods of dealing with Infectious Diseases.**—Isolation as far as possible, Disinfection and Fumigation, and General Cleanliness.

**Scavenging.**—Done by Employees' of the Council.

**House Accommodation.**—Very good. No overcrowding. Some old houses are not in good condition. The newly built houses are constructed with due regard to Sanitary conditions.

**Sewerage.**—The Sewerage Works consist of settling tanks and about three acres of irrigation land. Precipitants are used. 462 houses are at present connected. 159 houses are not connected, 50 of these are in hand for connection.

**Excreta disposal.**—The pail system is mostly in use. Done by contract very satisfactorily. The Excreta are deposited on farm land.

**Nuisances.**—Ten reported. Nine of which have been remedied without the necessity of serving notices. The remaining one has since been remedied.

I am, Gentlemen,

Your obedient servant,

**GEORGE SKEEN.**

168, Keighley Road, Colne,

March 15th, 1904.

# VITAL STATISTICS DURING 1903 AND PREVIOUS YEARS.

Year.	Population estimated to Middle of each Year.	Births.		TOTAL DEATHS REGISTERED IN THE DISTRICT.			NETT DEATHS AT ALL AGES BELONGING TO THE DISTRICT.	
		Number.	*Rate.	Under 1 Year of Age.		At all Ages.	Number.	*Rate.
				Number.	Rate per 1000 Births registered.			
1893	2392	90	37.6	16	177	50	50	26.9
1894	2411	81	33.5	12	148	40	40	16.5
1895	2430	73	30.5	16	219	56	56	25.0
1896	2449	76	31.0	14	184	47	47	19.1
1897	2500	81	32.4	7	87	38	38	15.2
1898	2525	82	32.8	14	170	37	37	14.8
1899	2545	62	24.5	15	241	47	47	18.6
1900	2565	69	26.93	12	174	39	39	15.2
1901	2641	58	21.96	8	137	34	34	13.21
1902	2727	58	21.2	5	86	32	32	11.73
Averages for years 1893-1902.	2518.5	73	29.3	11.9	162.3	42	42	17.4
1903	2750	75	27.3	4	53.3	34	34	12.8

\* Rates in Columns 4, 8, and 10 calculated per 1000 of estimated population.

# VITAL STATISTICS IN 1903 AND PREVIOUS YEARS.

YEAR.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.
1893	2392	90	50	16
1894	2411	81	40	12
1895	2430	73	56	16
1896	2449	76	47	14
1897	2500	81	38	7
1898	2525	82	37	14
1899	2545	62	47	15
1900	2565	69	39	12
1901	2641	58	34	8
1902	2727	58	32	5
Averages of Years 1893 to 1902	2518.5	73	42	11.9
1903	2750	75	34	4



## Cases of Infectious Disease notified during the Year 1903.

NOTIFIABLE DISEASES.	At all Ages.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.
Erysipelas ... ..	3	...	...	...	2	1
Scarlet Fever ... ..	15	6	8	1	...	...
Enteric Fever ... ..	3	...	2	...	1	...
Totals ... ..	21	6	10	1	3	1

## Causes of, and ages at, Death during the Year 1903.

CAUSES OF DEATH.	All ages.	Under 1 year.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.
Scarlet Fever ... ..	1	...	1	...	...	...
Enteric Fever ... ..	1	...	1	...	...	...
Phthisis ... ..	2	...	...	...	2	...
Other Tubercular Diseases	2	1	...	...	1	...
Bronchitis ... ..	4	...	...	...	4	...
Pneumonia ... ..	8	1	...	...	4	3
Heart diseases ... ..	5	...	...	...	2	3
All other causes ... ..	11	2	...	1	4	4
All causes ... ..	34	4	2	1	17	10



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